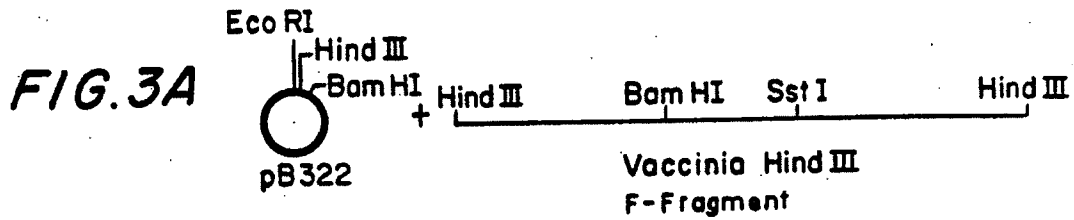


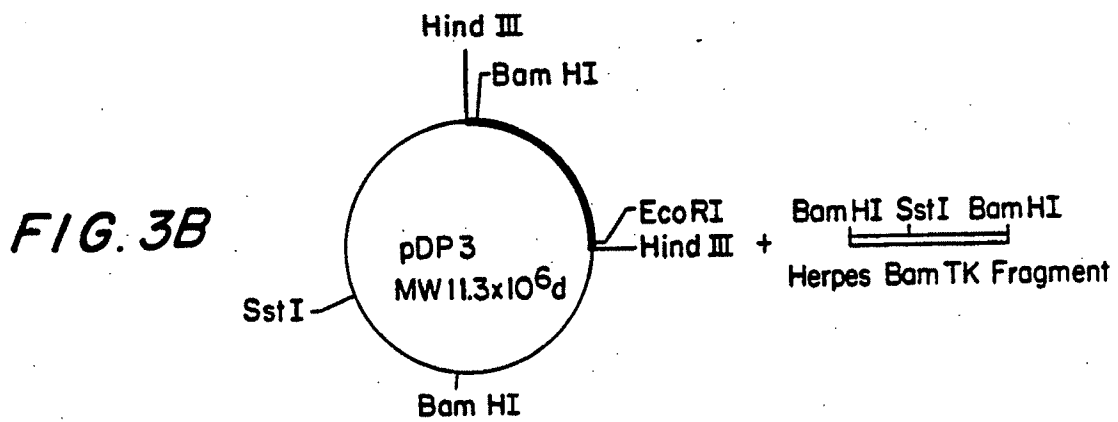
**FIG. 5**

GENE	GROWTH IN NORMAL MEDIUM?	GROWTH IN HAT MEDIUM?	GROWTH IN BUDR?
TK <sup>+</sup>	YES	YES	NO
TK <sup>-</sup>	YES	NO	YES

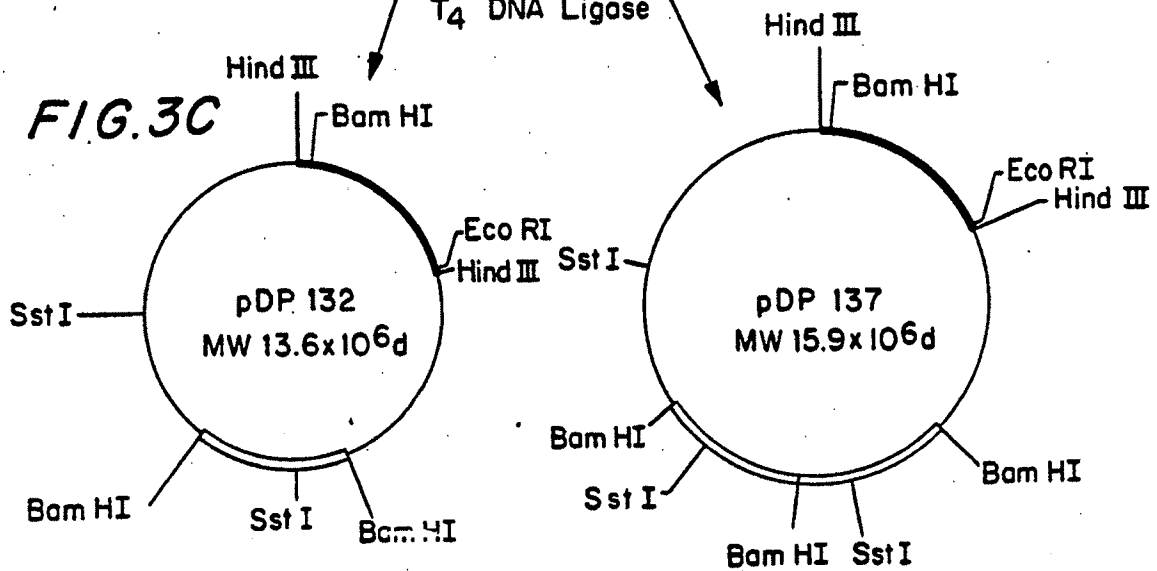
REPLACEMENT SHEET



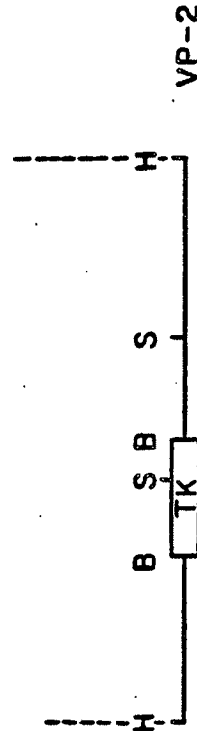
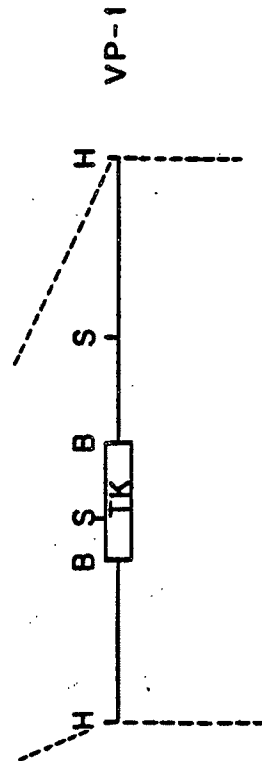
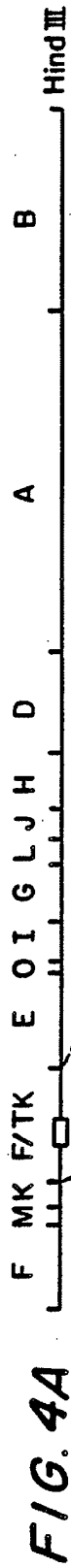
Hind III  
+  
T<sub>4</sub> DNA Ligase



Partial Bam HI  
+  
T<sub>4</sub> DNA Ligase



# REPLACEMENT SHEET



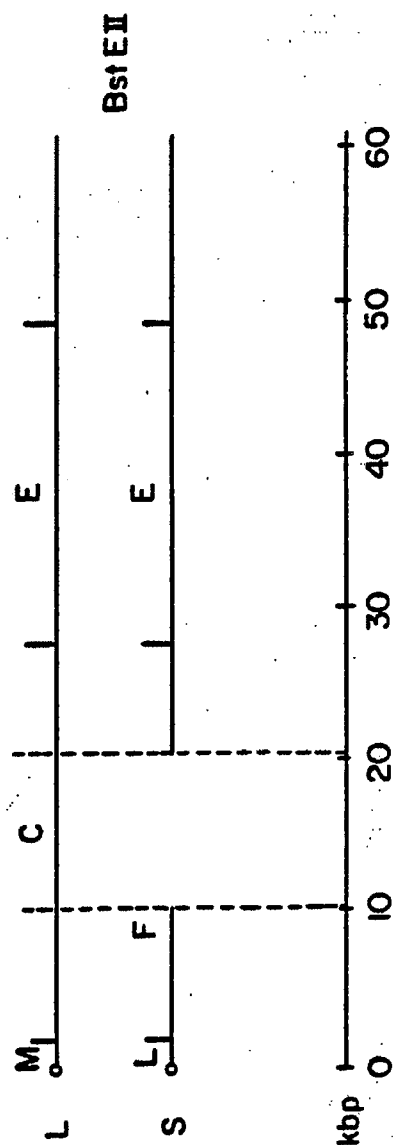
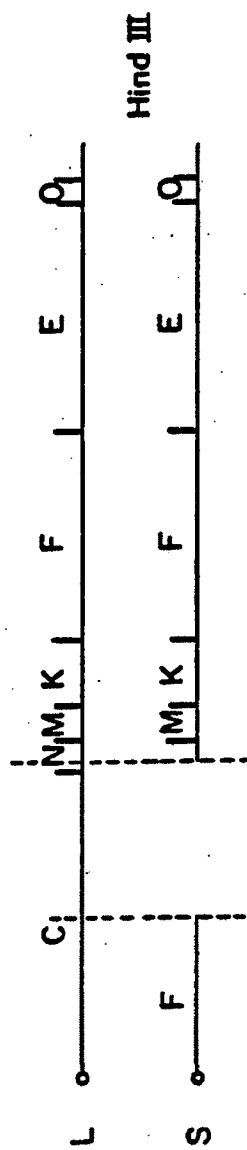
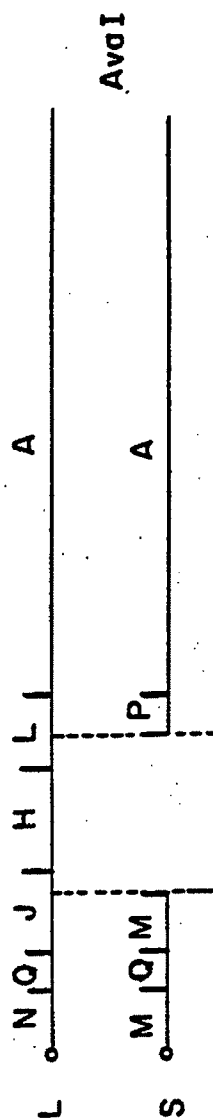
TK= HSV TK GENE

B= Bam HI RESTRICTION

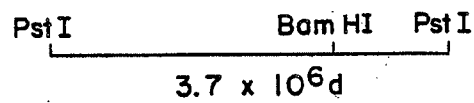
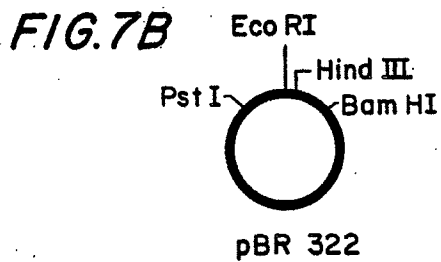
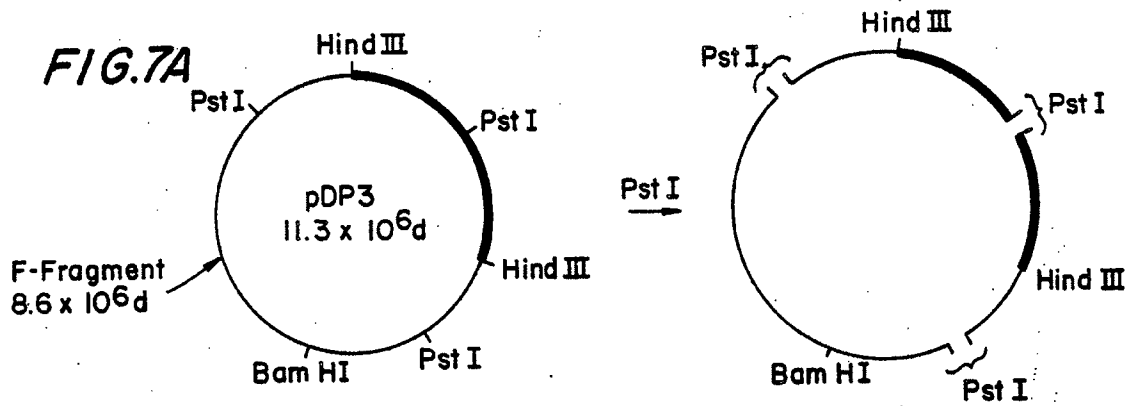
S= Sst I RESTRICTION

H= Hind III RESTRICTION

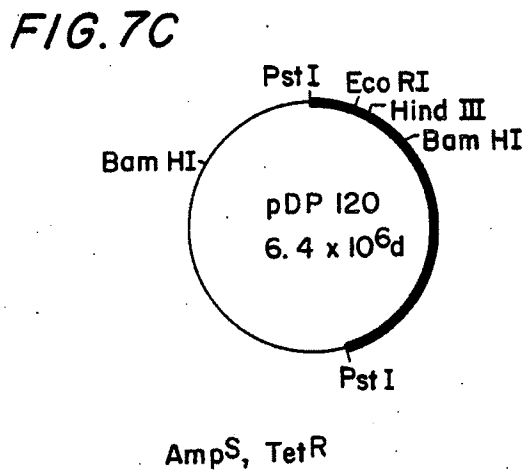
KEY TO  
FIGS. 4B-4C



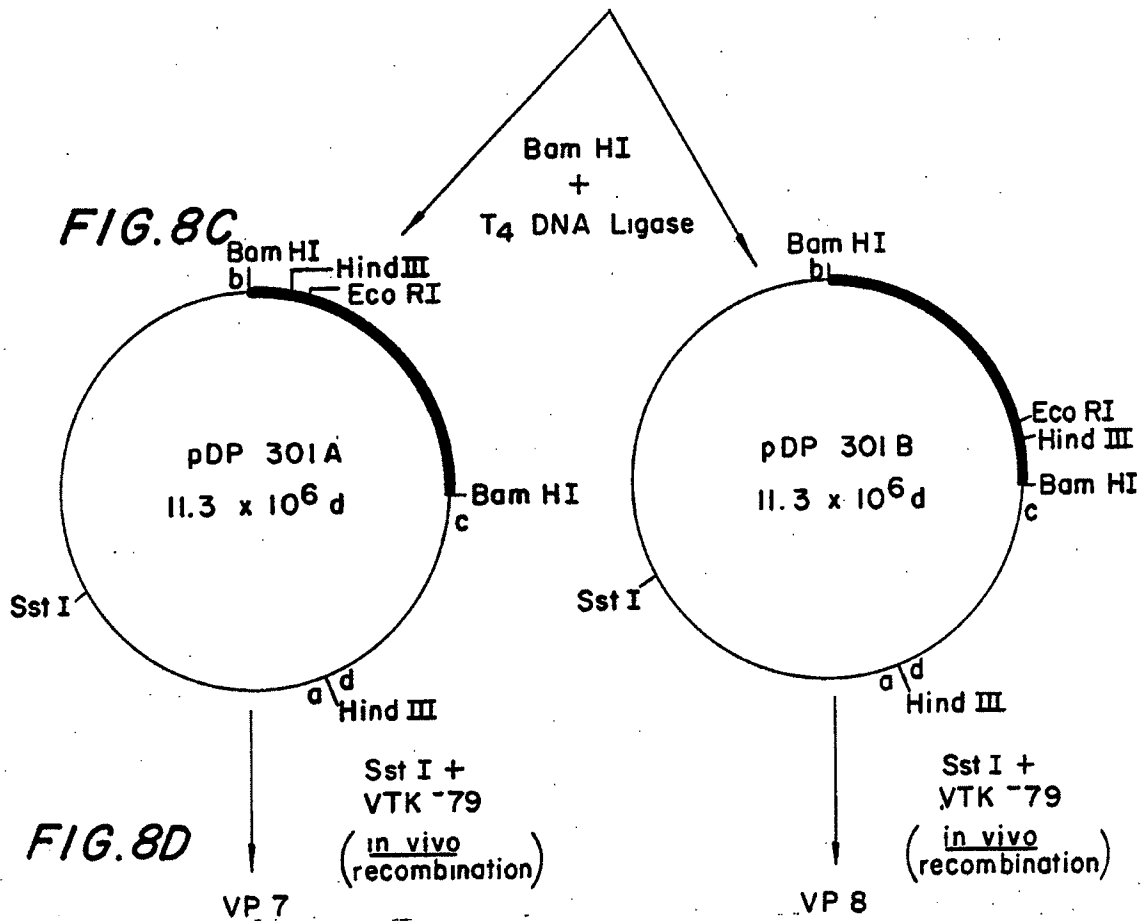
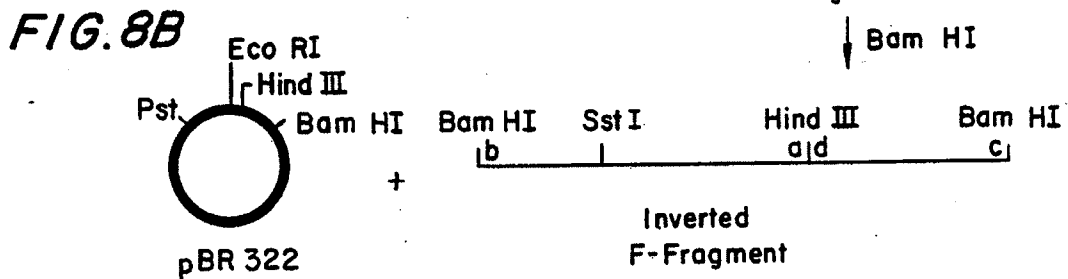
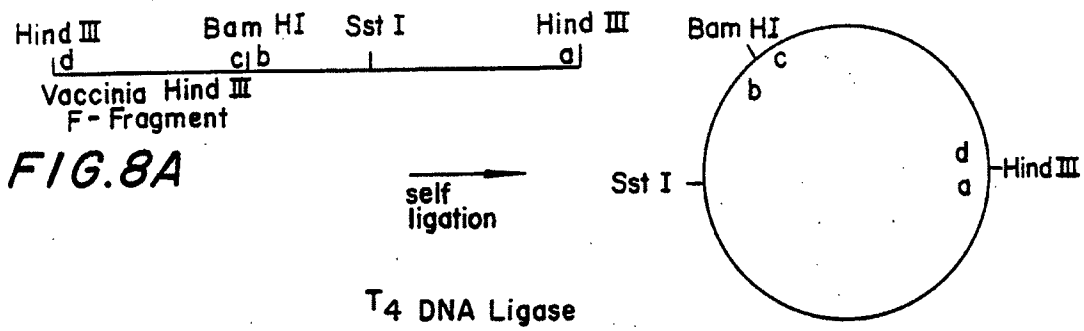
# REPLACEMENT SHEET



**Pst I**  
+  
**T<sub>4</sub> DNA Ligase**

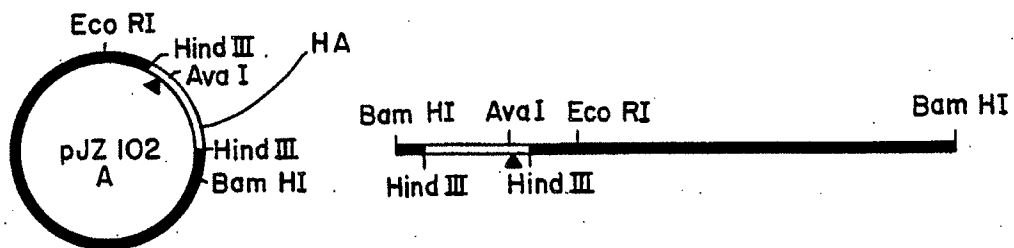
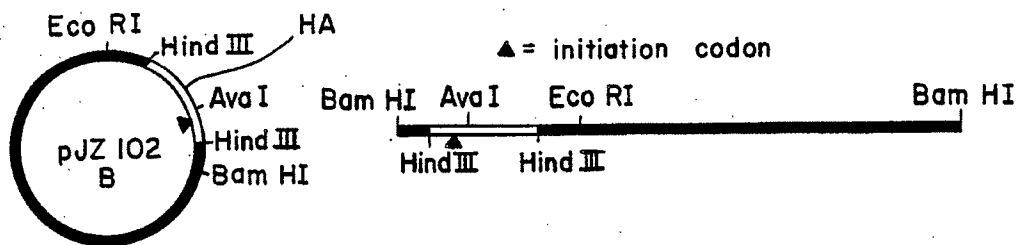


# REPLACEMENT SHEET

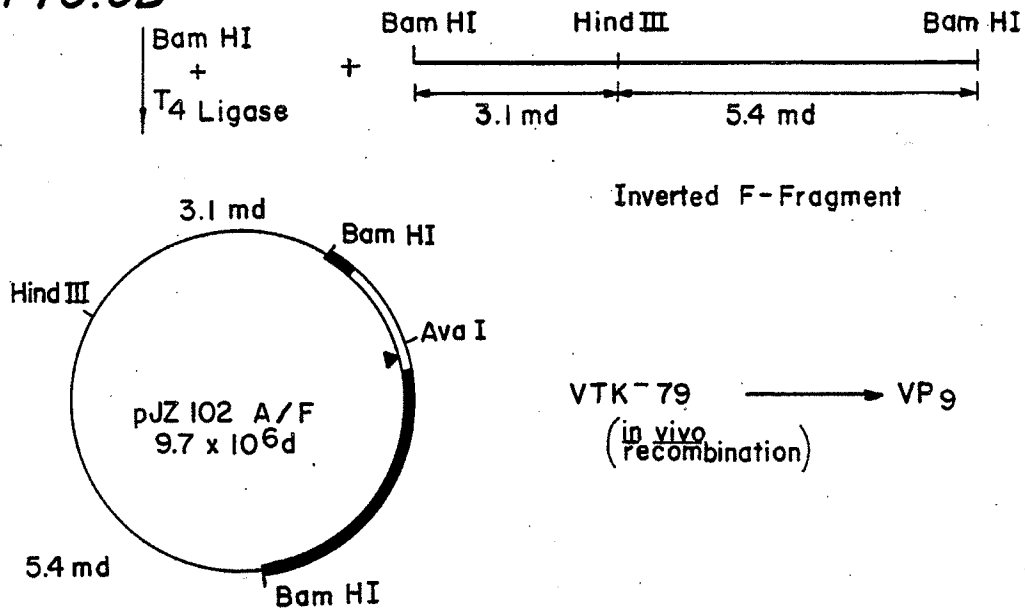


## REPLACEMENT SHEET

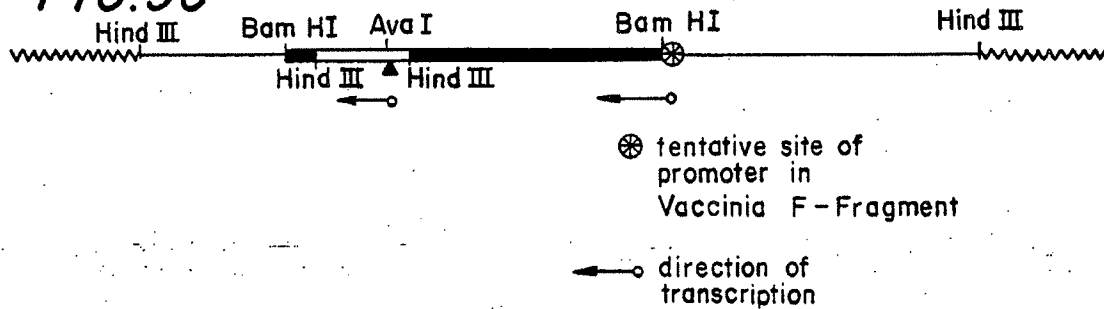
FIG. 9A



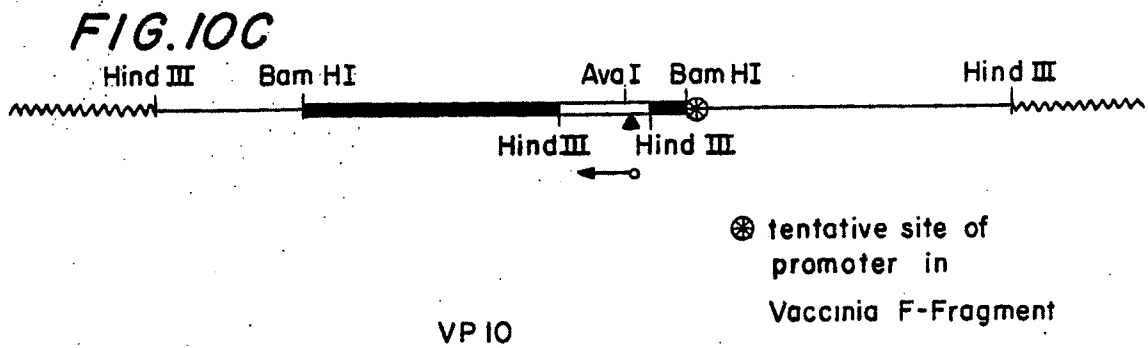
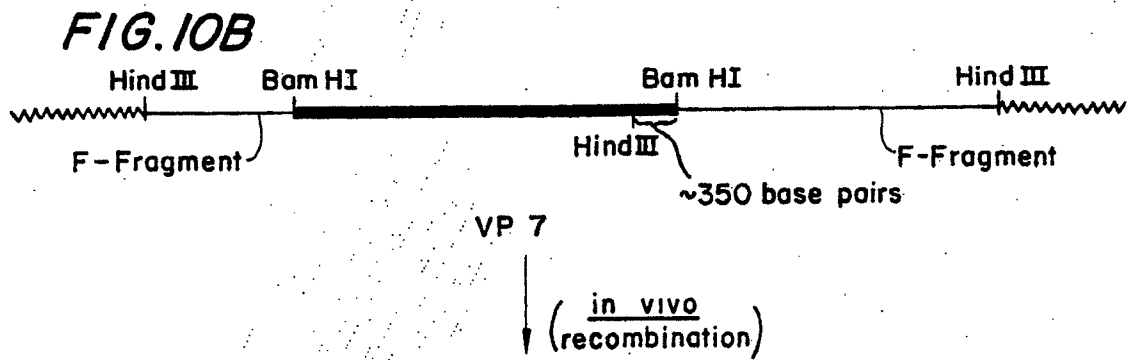
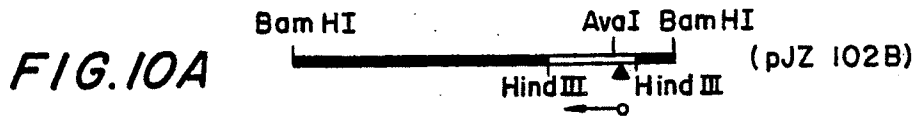
**FIG. 9B**



**FIG. 9C**



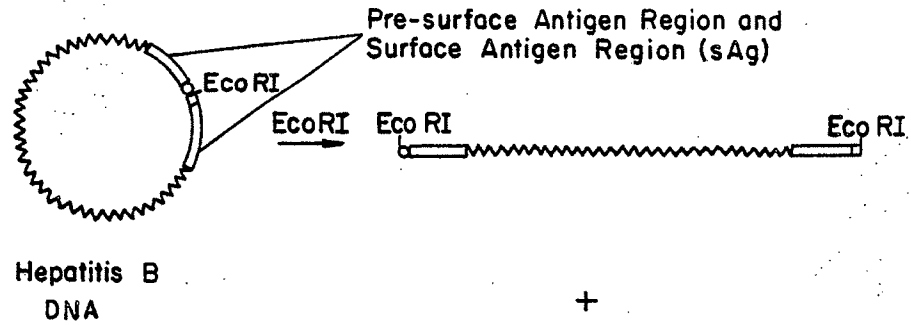
# REPLACEMENT SHEET



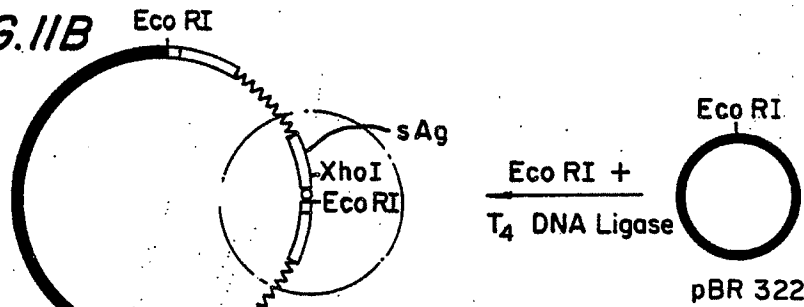


# REPLACEMENT SHEET

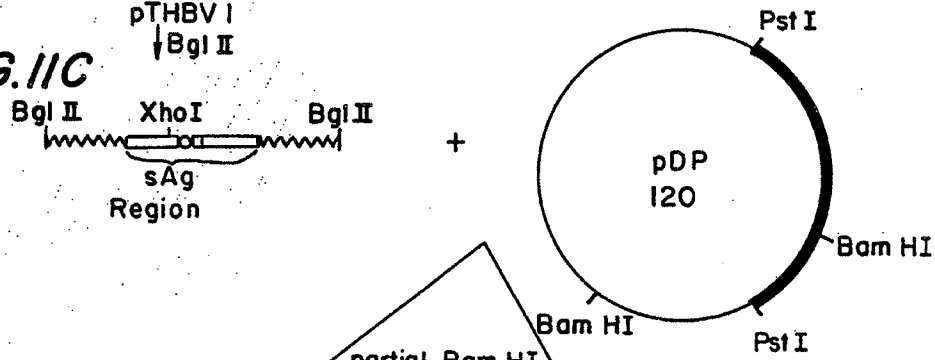
**FIG. IIA**



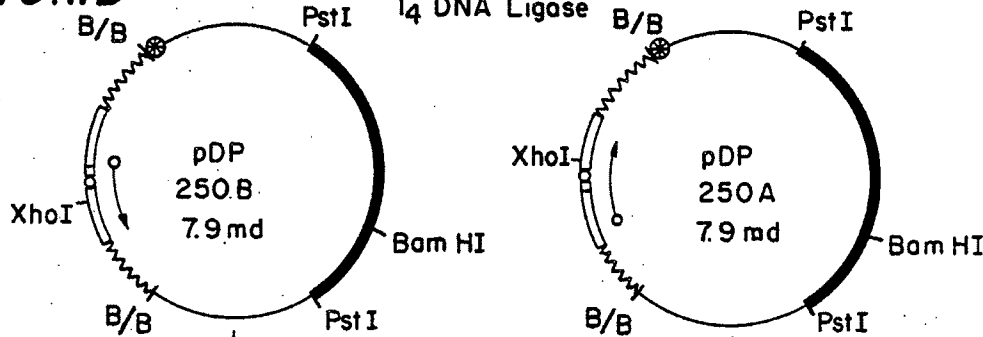
**FIG. IIB**



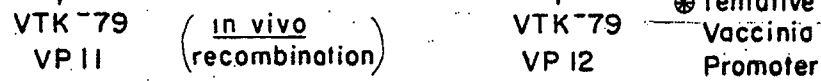
**FIG. IIC**



**FIG. IID**

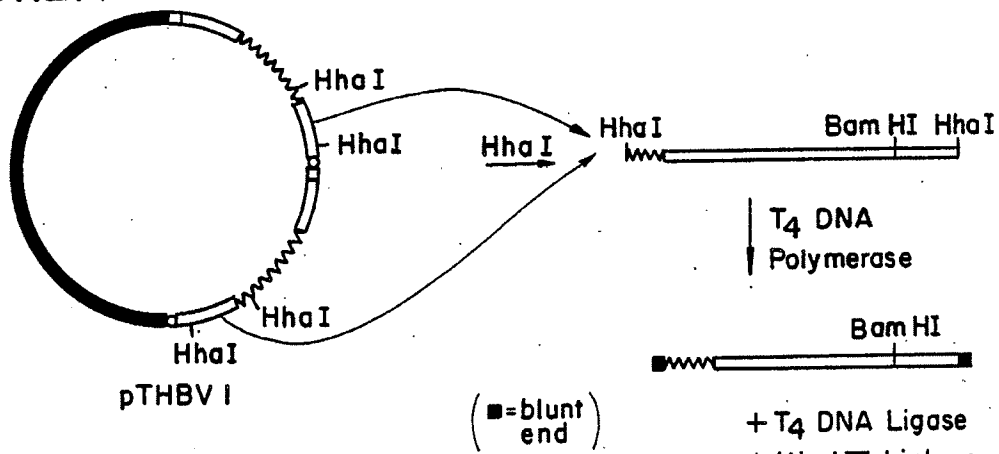


**FIG. IIE**

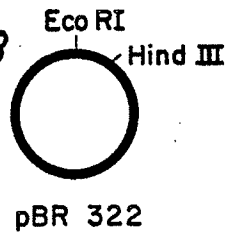


# REPLACEMENT SHEET

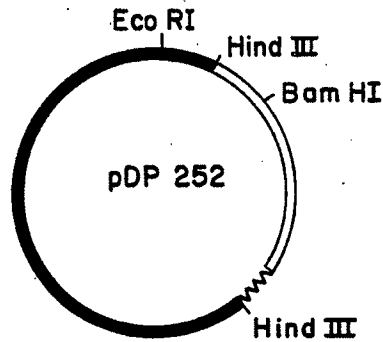
**FIG. 12A**



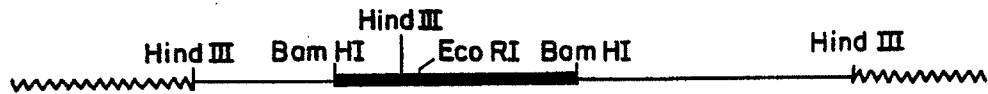
**FIG. 12B**



**FIG. 12C**



VP 8



**FIG. 12D**

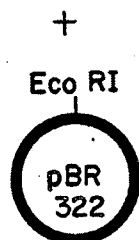
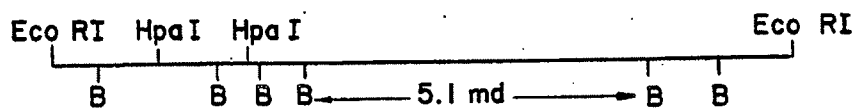
VP 13



# REPLACEMENT SHEET

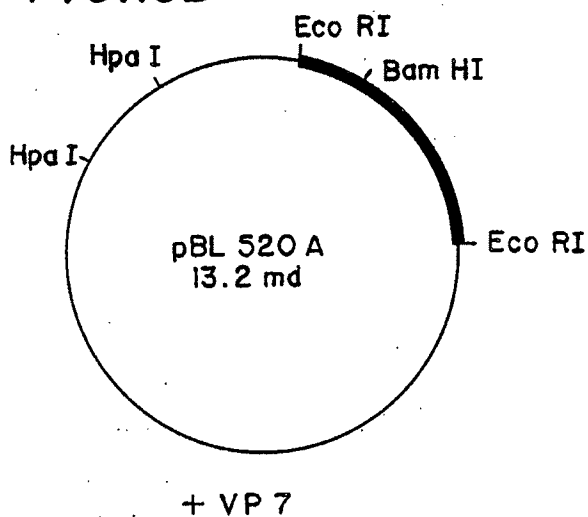
**FIG. 13A**

EcoRI Fragment F of  
Herpes Virus Type I (strain KOS)

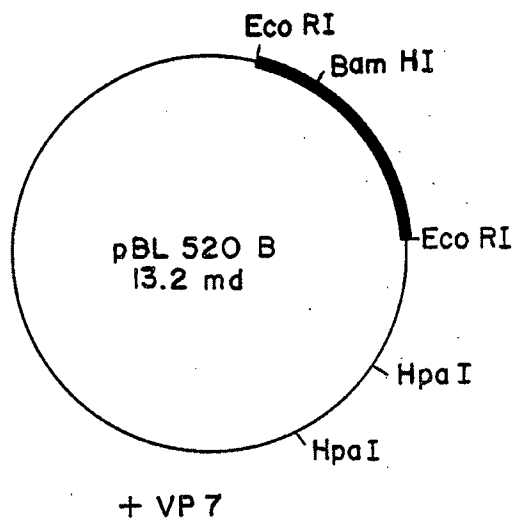


Eco RI +  
T<sub>4</sub> DNA Ligase

**FIG. 13B**



(in vivo  
recombination)



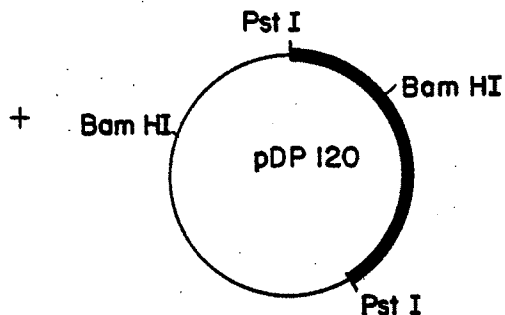
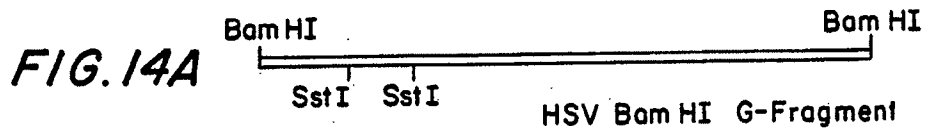
(in vivo  
recombination)

**FIG. 13C**

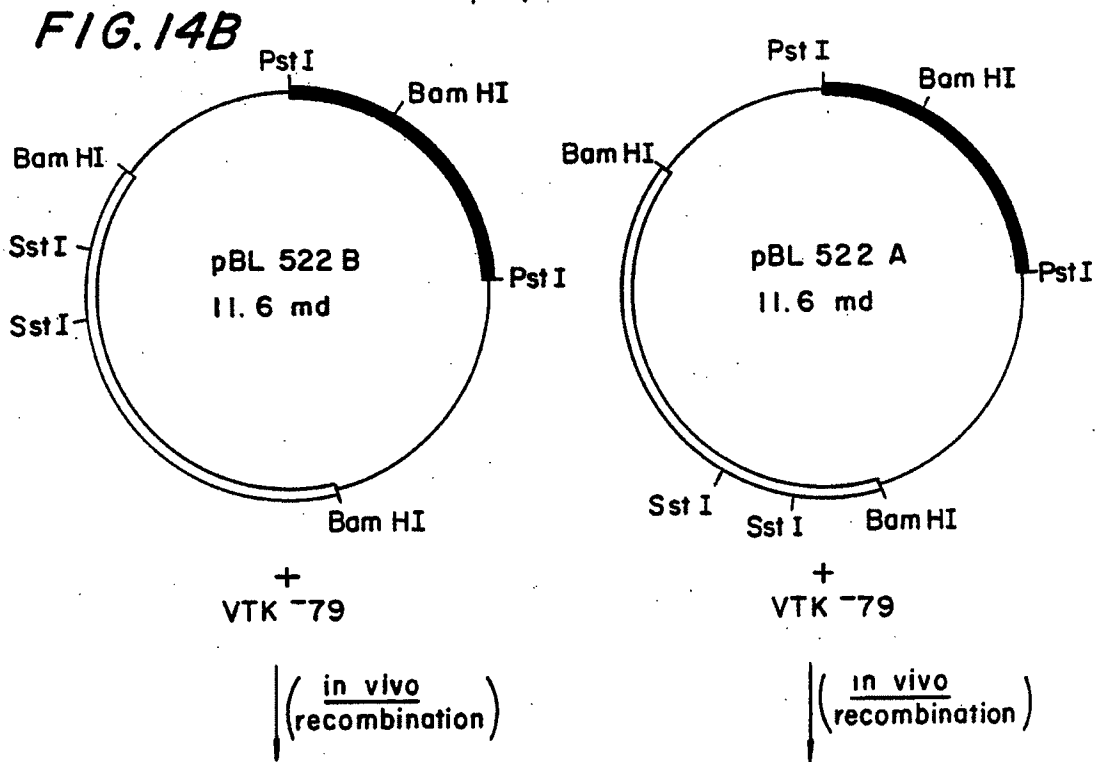
VP 16

VP 14

# REPLACEMENT SHEET



Partial Digestion,  
Bam HI +  
↓  
T<sub>4</sub> DNA Ligase



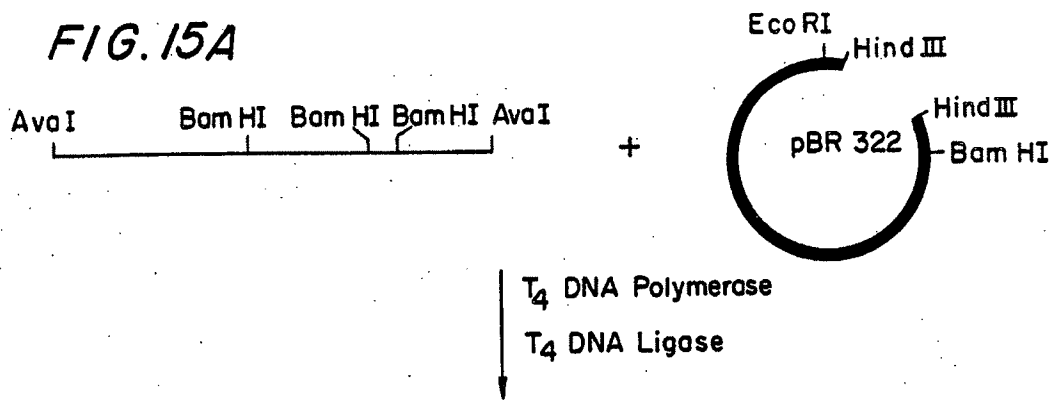
**FIG. 14C**

VP 18

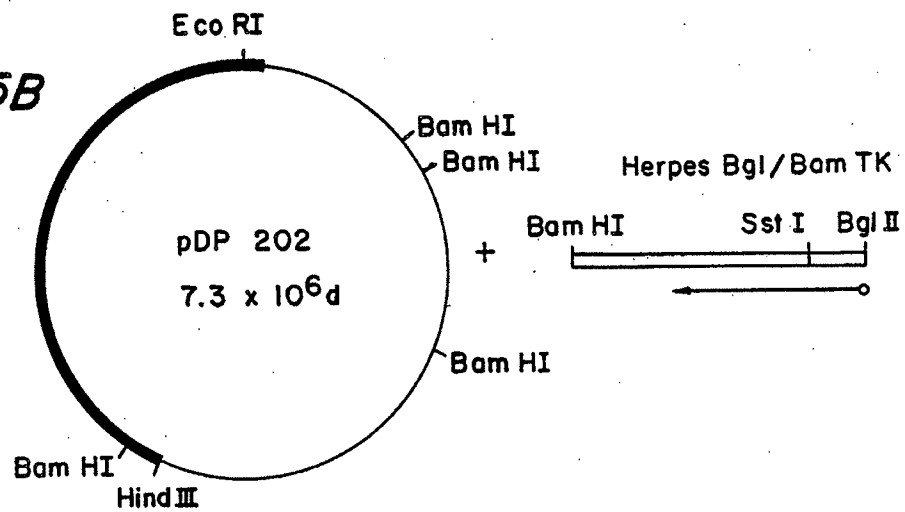
VP 17

# REPLACEMENT SHEET

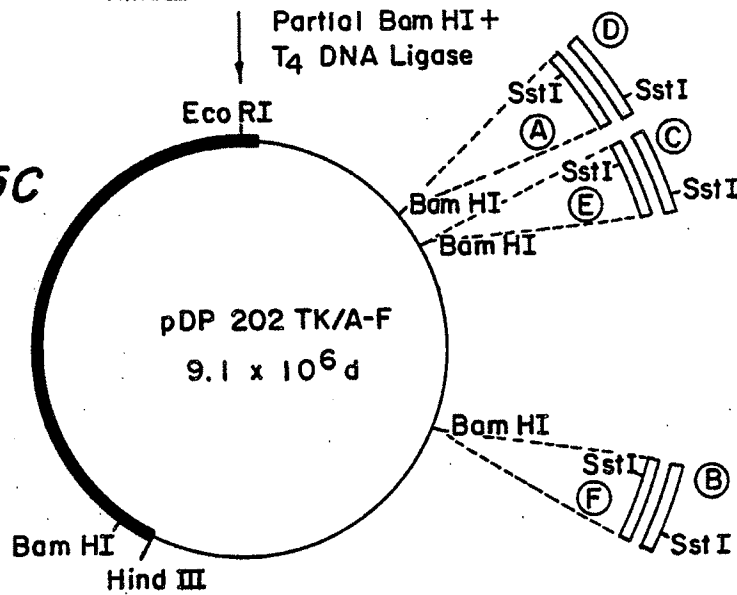
**FIG. 15A**



**FIG. 15B**

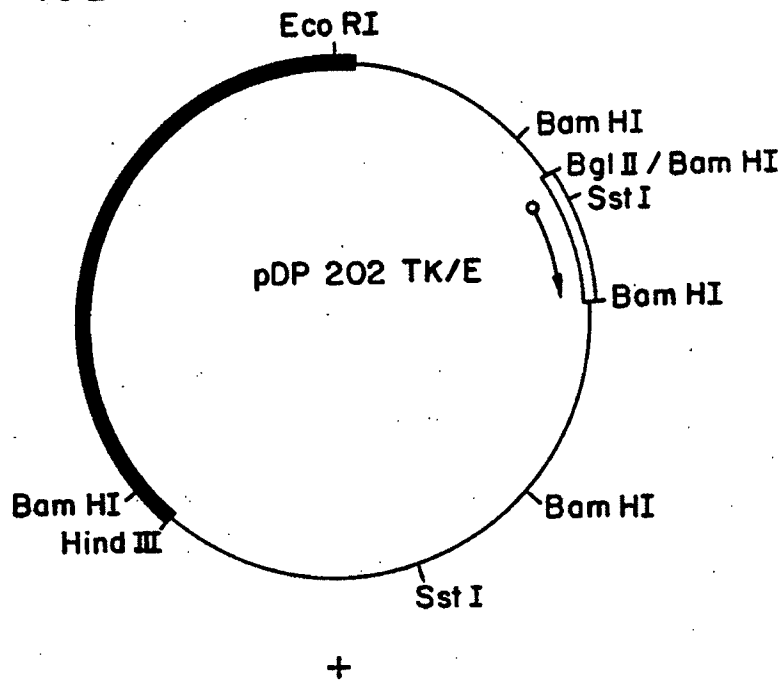


**FIG. 15C**

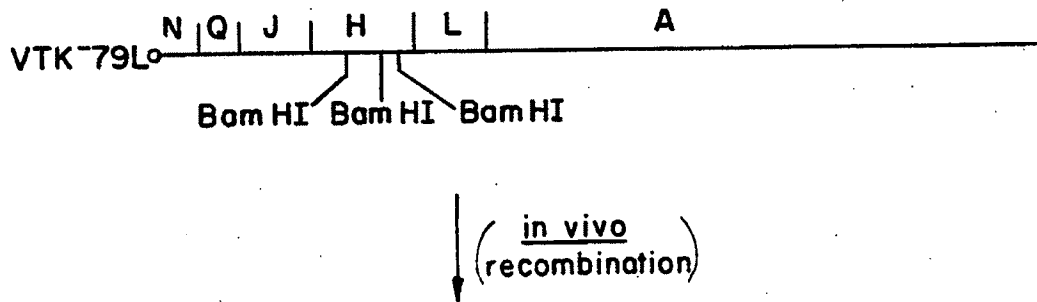


# REPLACEMENT SHEET

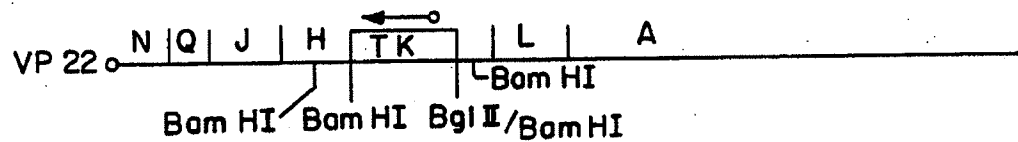
**FIG. 15D**



**FIG. 15E**

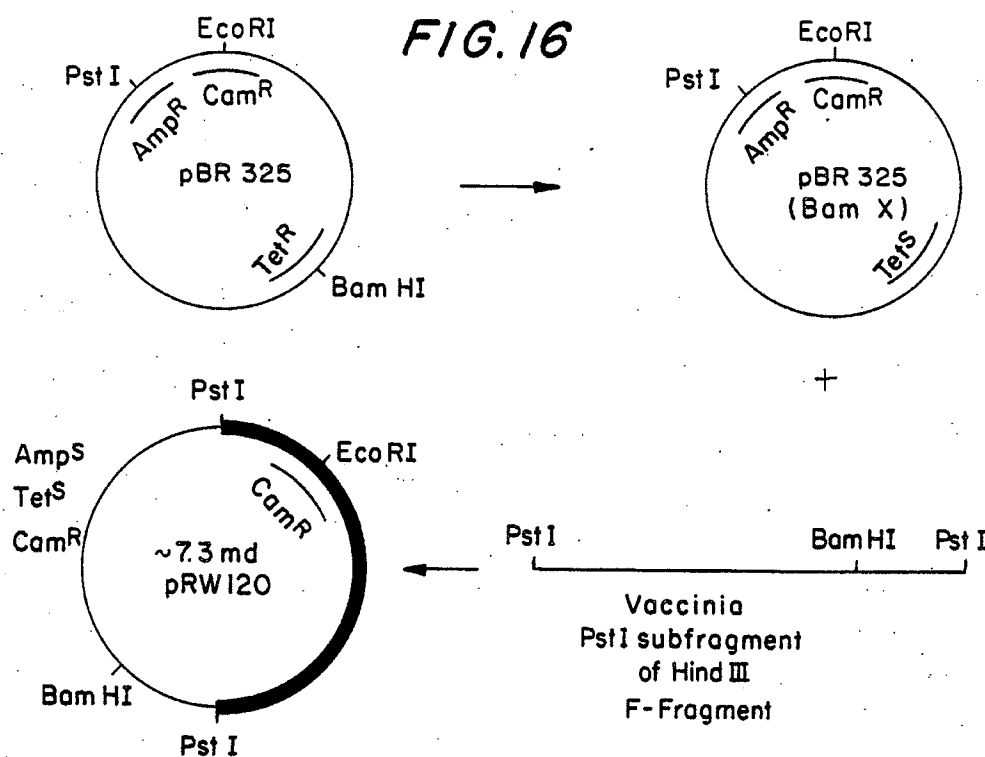


**FIG. 15F**

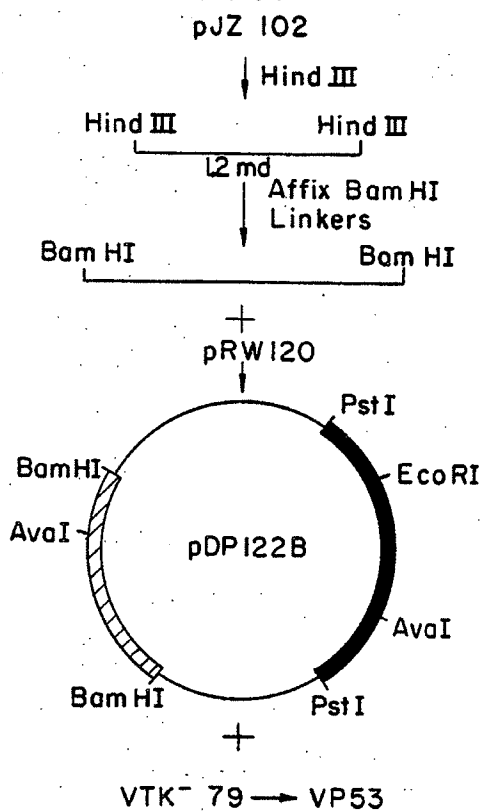


# REPLACEMENT SHEET

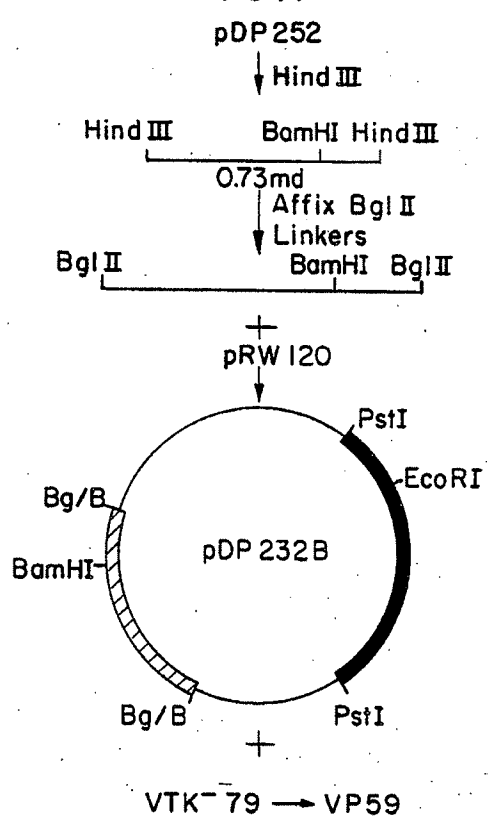
**FIG. 16**



**FIG. 17**



**FIG. 18**



# REPLACEMENT SHEET

**FIG. 19**

